Patent Abstracts of Japan

PUBLICATION NUMBER : 2001046473
PUBLICATION DATE : 20-02-01

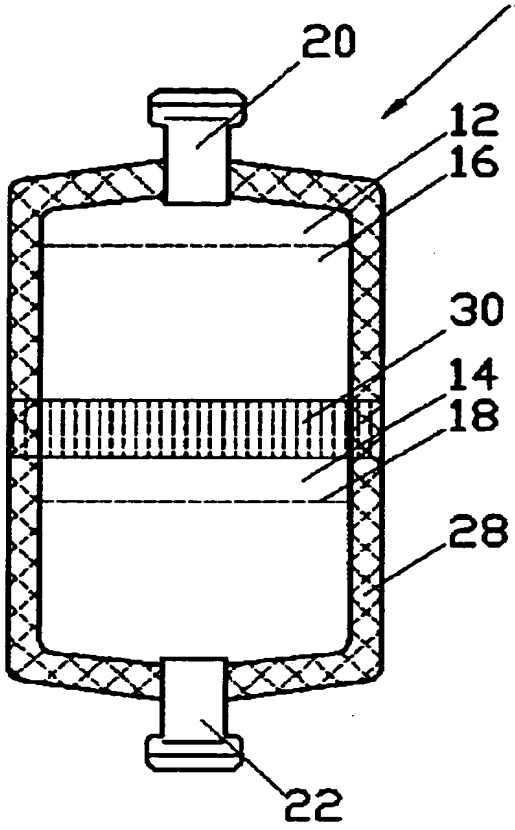
APPLICATION DATE : 04-08-99
APPLICATION NUMBER : 11220690

APPLICANT : MATERIAL ENG TECH LAB INC;

INVENTOR : ISONO KEINOSUKE;

INT.CL. : A61J 1/10 A61L 31/00 B32B 27/32 B65D 30/08 B65D 30/22 B65D 65/40 B65D 81/24

TITLE : HEAT RESISTANT MEDICAL CONTAINER



ABSTRACT : PROBLEM TO BE SOLVED: To provide a medical container which can withstand high-pressure steam sterilization at temperatures of 121°C and higher and which has separable seal parts.

SOLUTION: This medical container 10 has separable seal parts on portions of container walls made of a multilayer structure and is subjected to high- pressure steam sterilization, together with medical solutions 16, 18 contained therein. In this case, the outermost layer of the container walls is made from not less than one or two kinds of polyethylenes with an average density of not less than 0.940 g/cm3 and the innermost layer of the container walls is made from a layer of mixed resins consisting of a linear polyethylene with a density of 0.925 to 0.952 g/cm3 and a polypropylene, the mixing ratio (linear polyethylene/polypropylene) of the linear polyethylene to the polypropylene ranging from 5/5 to 8/2.

Title: **JP2001046473A2: HEAT RESISTANT MEDICAL CONTAINER**

Country: **JP** Japan
Kind: **A2** Document Laid open to Public inspection

Inventor: **ARAKI KAZUYA;**
ISONO KEINOSUKE;

Assignee: **MATERIAL ENG TECH LAB INC**
News, Profiles, Stocks and More about this company

Published / Filed: **Feb. 20, 2001** / Aug. 4, 1999

Application Number: **JP1999000220690**

IPC Code: **A61J 1/10;** A61L 31/00; B32B 27/32; B65D 30/08; B65D 30/22; B65D 65/40; B65D 81/2

Priority Number: Aug. 4, 1999 **JP1999000220690**

Abstract:

PROBLEM TO BE SOLVED: To provide a medical container which can withstand high-pressure steam sterilization at temperatures of 121°C and higher and which has separable seal parts.

SOLUTION: This medical container 10 has separable seal parts on portions of container walls made of a multilayer structure and is subjected to high- pressure steam sterilization, together with medical solutions 16, 18 contained therein. In this case, the outermost layer of the container walls is made from not less than one or two kinds of polyethylenes with an average density of not less than 0.940 g/cm3 and the innermost layer of the container walls is made from a layer of mixed resins consisting of a linear polyethylene with a density of 0.925 to 0.952 g/cm3 and a polypropylene, the mixing ratio (linear polyethylene/polypropylene) of the linear polyethylene to the polypropylene ranging from 5/5 to 8/2.

COPYRIGHT: (C)2001,JPO

Family: None

Other Abstract Info: CHEMABS 134(13)183570P CHEMABS 134(13)183570P DERABS C2001-320976 DER 320976